

RIBBONLYTE 4 IN 1 PHOTOMETRIC REPORT

RED | GREEN | BLUE | WHITE



Lightsource Test Report

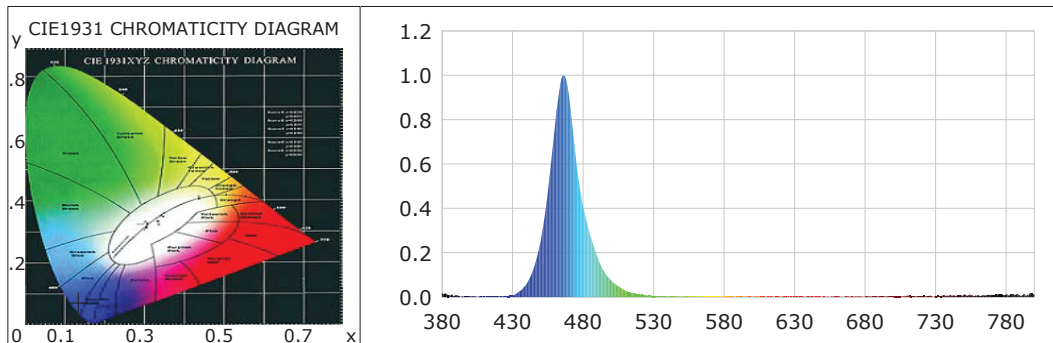
Product Information

Product Category: RB245.5RGBW
Product Spec: Blue
Manufacturer: ACOLYTE
Buyer: ACOLYTE

Product Type: RB245.5RGBW
Product Number: 8
Submitted Unit: ACOLYTE
Remark: LOT NO:151201_W1506047-2#-(34D)

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1328$ $y=0.0698$ $u(u')=0.1488$ $v=0.1173$ $v'=0.1759$
CCT: $T_c=100000K$ ($duv=-0.15206$) Color Ratio: $R=0.012$ $G=0.182$ $B=0.805$
Peak Wavelength: 466nm Half Bandwidth: 22.0nm
Dominant Wavelength: 470.1nm Color Purity: 0.958
Color Render Index: $R_a=2.5$, $CRI=2.4$
 $R1=4$ $R2=0$ $R3=0$ $R4=0$ $R5=16$ $R6=0$ $R7=0$ $R8=0$
 $R9=0$ $R10=0$ $R11=0$ $R12=0$ $R13=0$ $R14=0$ $R15=16$



Photometric Parameters

Luminous Flux: 35.17 lm Efficiency: 13.71 lm/W Radiant Power: 0.478 W

Electric Parameters

Voltage: 24.001V Current: 0.1069A Power: 2.57W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 50435 (2980) CCD Integration Time: 772.74 ms

Condition: Tx:30.1'C, Ti:27.4'C, R.H.:60%
Test Lab: PGZ
Operator: lqh

Test Device: Inventfine CMS-2
Test Time: 2015-12-02 14:10:21
Inspector:

Lightsource Test Report

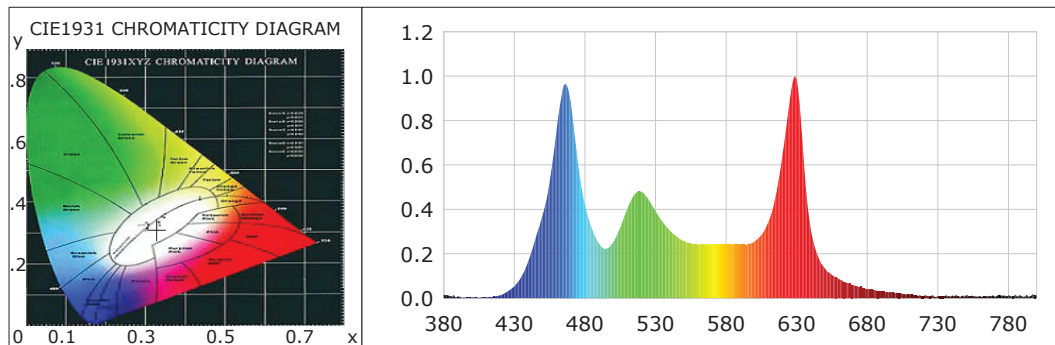
Product Information

Product Category: RB245.5RGBW
Product Spec: Blue
Manufacturer: ACOLYTE
Buyer: ACOLYTE

Product Type: RB245.5RGBW
Product Number: 10
Submitted Unit: ACOLYTE
Remark: LOT NO:151201_W1506047-2#-(34D)

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3276$ $y=0.3112$ $u(u')=0.2155$ $v=0.3071$ $v'=0.4607$
CCT: $T_c=5764K$ ($duv=-0.01388$) Color Ratio: $R=0.237$ $G=0.683$ $B=0.080$
Peak Wavelength: 629nm Half Bandwidth: 20.1nm
Dominant Wavelength: 379.7nm Color Purity: 0.196
Color Render Index: $R_a=62.6$, $CRI=55.4$
 $R1=48$ $R2=71$ $R3=90$ $R4=56$ $R5=56$ $R6=63$ $R7=77$ $R8=39$
 $R9=0$ $R10=42$ $R11=47$ $R12=58$ $R13=53$ $R14=90$ $R15=41$



Photometric Parameters

Luminous Flux: 426.17 lm Efficiency: 39.94 lm/W Radiant Power: 1.580 W

Electric Parameters

Voltage: 24.001V Current: 0.4446A Power: 10.67W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 4 π
Max of Signal: 50877 (2983) CCD Integration Time: 772.74 ms

Condition: Tx:30.1'C, Ti:27.3'C, R.H.:60%
Test Lab: PGZ
Operator: lqh

Test Device: Inventfine CMS-2
Test Time: 2015-12-02 14:12:27
Inspector:

Lightsource Test Report

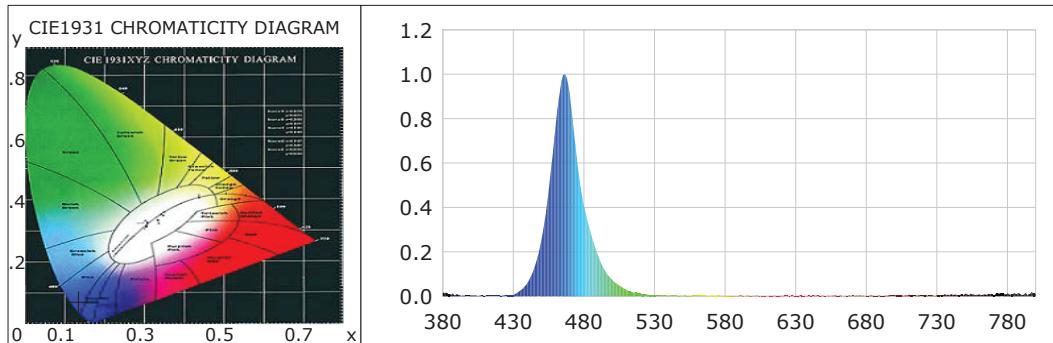
Product Information

Product Category: RB245.5RGBW
Product Spec: Blue
Manufacturer: ACOLYTE
Buyer: ACOLYTE

Product Type: RB245.5RGBW
Product Number: 8
Submitted Unit: ACOLYTE
Remark: LOT NO:151201_W1506047-2#-(34D)

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1328$ $y=0.0698$ $u(u')=0.1488$ $v=0.1173$ $v'=0.1759$
CCT: $T_c=100000K$ ($duv=-0.15206$) Color Ratio: $R=0.012$ $G=0.182$ $B=0.805$
Peak Wavelength: 466nm Half Bandwidth: 22.0nm
Dominant Wavelength: 470.1nm Color Purity: 0.958
Color Render Index: $R_a=2.5$, $CRI=2.4$
 $R1=4$ $R2=0$ $R3=0$ $R4=0$ $R5=16$ $R6=0$ $R7=0$ $R8=0$
 $R9=0$ $R10=0$ $R11=0$ $R12=0$ $R13=0$ $R14=0$ $R15=16$



Photometric Parameters

Luminous Flux: 35.17 lm Efficiency: 13.71 lm/W Radiant Power: 0.478 W

Electric Parameters

Voltage: 24.001V Current: 0.1069A Power: 2.57W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 4 π
Max of Signal: 50435 (2980) CCD Integration Time: 772.74 ms

Condition: Tx:30.1'C, Ti:27.4'C, R.H.:60%
Test Lab: PGZ
Operator: lqh

Test Device: Inventfine CMS-2
Test Time: 2015-12-02 14:10:21
Inspector:

Lightsource Test Report

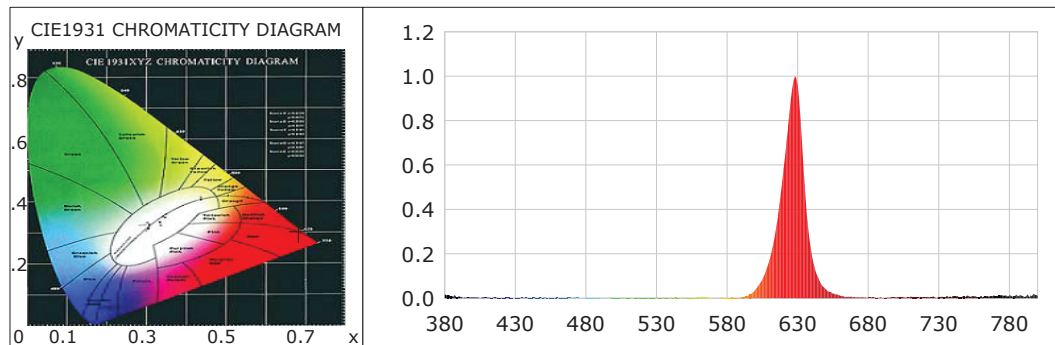
Product Information

Product Category: RB245.5RGBW
Product Spec: Red
Manufacturer: ACOLYTE
Buyer: ACOLYTE

Product Type: RB245.5RGBW
Product Number: 6
Submitted Unit: ACOLYTE
Remark: LOT NO:151201_W1506047-2#-(34D)

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6829$ $y=0.3059$ $u(u')=0.5150$ $v=0.3460$ $v'=0.5190$
CCT: $T_c=1000K$ ($duv=-0.06738$) Color Ratio: $R=0.959$ $G=0.039$ $B=0.002$
Peak Wavelength: 628nm Half Bandwidth: 16.4nm
Dominant Wavelength: 621.8nm Color Purity: 0.967
Color Render Index: $R_a=33.5$, $CRI=36.4$
 $R1=24$ $R2=87$ $R3=39$ $R4=5$ $R5=30$ $R6=82$ $R7=2$ $R8=0$
 $R9=0$ $R10=86$ $R11=29$ $R12=49$ $R13=47$ $R14=67$ $R15=0$



Photometric Parameters

Luminous Flux: 68.78 lm Efficiency: 25.21 lm/W Radiant Power: 0.331 W

Electric Parameters

Voltage: 24.000V Current: 0.1137A Power: 2.73W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 45401 (2981) CCD Integration Time: 772.74 ms

Condition: $T_x:30.1^{\circ}C$, $T_i:27.4^{\circ}C$, R.H.:60%
Test Lab: PGZ
Operator: lqh

Test Device: Inventfine CMS-2
Test Time: 2015-12-02 14:09:02
Inspector:

Lightsource Test Report

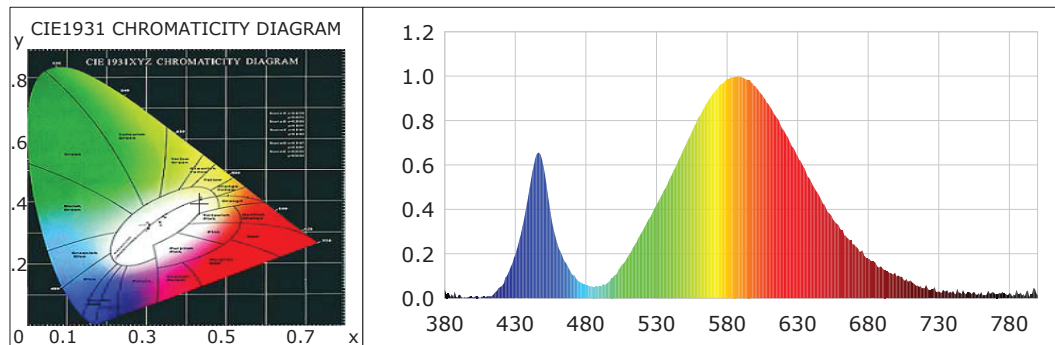
Product Information

Product Category: RB245.5RGBW
Product Spec: White
Manufacturer: ACOLYTE
Buyer: ACOLYTE

Product Type: RB245.5RGBW
Product Number: PO127842
Submitted Unit: ACOLYTE
Remark: LOT NO:151201_W1506047-2#-(34D)

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4329$ $y=0.3974$ $u(u')=0.2508$ $v=0.3454$ $v'=0.5181$
CCT: $T_c=3015K$ ($duv=-0.00214$) Color Ratio: $R=0.198$ $G=0.788$ $B=0.013$
Peak Wavelength: 588nm Half Bandwidth: 104.9nm
Dominant Wavelength: 583.6nm Color Purity: 0.492
Color Render Index: $R_a=62.3$, $CRI=54.4$
 $R1=57$ $R2=74$ $R3=88$ $R4=55$ $R5=55$ $R6=62$ $R7=73$ $R8=34$
 $R9=0$ $R10=40$ $R11=43$ $R12=29$ $R13=60$ $R14=93$ $R15=52$



Photometric Parameters

Luminous Flux: 199.14 lm Efficiency: 72.47 lm/W Radiant Power: 0.553 W

Electric Parameters

Voltage: 24.000V Current: 0.1145A Power: 2.75W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.50m, 4 π
Max of Signal: 45204 (3545) CCD Integration Time: 2433.41 ms

Condition: Tx:30.0'C, Ti:27.3'C, R.H.:60%
Test Lab: PGZ
Operator: lqh

Test Device: Inventfine CMS-2
Test Time: 2015-12-02 14:05:35
Inspector: